

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masami ENDA, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: SYSTEM AND METHOD FOR CHEMICAL DECONTAMINATION OF RADIOACTIVE MATERIAL

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

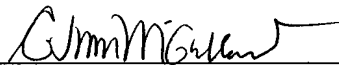
- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Norman F. Oblon

Registration No. 24,618

C. Irvin McClelland
Registration Number 21,124

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

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STATEMENT OF RELEVANCY

Reference AO (9-159798) of Form PTO-1449:

A gas containing ozone is blown into a solution where decontamination and surfactant dissolve to make a bubble fluid, which is used for bubble decontamination.

Reference AP (7-140296) of Form PTO-1449:

A chelating agent solution containing contaminant decompose by electrolytic.

Reference AQ (5-209997) of Form PTO-1449:

A chelating agent solution containing contaminant decompose by ozone and ultraviolet light.

Reference AR (9-510784) of Form PTO-1449:

This invention calls for the iron complex in the solution to be reduced by irradiation with UV light, thus forming a dissolved iron salt and carbon dioxide which is given off.

Reference AS (2000-81498) of Form PTO-1449:

This chemical decontaminating method comprises an oxidation dissolving process wherein an oxide film is oxidation dissolved by ozone aqueous solution.

Reference AT (2002-250794) of Form PTO-1449:

An oxidation auxiliary suppressing the corrosion of the parent material of the decontamination object is added to the decontamination liquid in which the ozone is solved and is circulated.

Reference AU (2003-50296) of Form PTO-1449:

In the method, Fe^{3+} in the chemical decontamination liquid is reduced into Fe^{2+} at a cathode by electrolysis, and organic acid is decomposed by hydrogen peroxide.

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| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 245768US0TTC | | SERIAL NO. New Application | |
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT Masami ENDA, et al. | | | |
| | | | | FILING DATE Herewith | | GROUP | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | AA | 4,287,002 | 09/01/81 | John TOROK | | | |
| | AB | 4,756,768 | 07/12/88 | Horst-Otto BERTHOLDT, et al. | | | |
| | AC | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION YES NO | | |
| | AO | 9-159798 | 06/20/97 | Japan | | | X |
| | AP | 7-140296 | 06/02/95 | Japan | | | X |
| | AQ | 5-209997 | 08/20/93 | Japan | | | X |
| | AR | 9-510784 | 10/28/97 | Japan | | | X |
| | AS | 2000-81498 | 03/21/00 | Japan | | | X |
| | AT | 2002-250794 | 09/06/02 | Japan | | | X |
| | AU | 2003-50296 | 02/21/03 | Japan | | | X |
| | AV | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AW | | | | | | |
| | AX | | | | | | |
| | AY | | | | | | |
| | AZ | | | | | <input type="checkbox"/> Additional References sheet(s) attached | |
| Examiner | | | | | Date Considered | | |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |